

**Solar Radiation Research Laboratory (SRRL) Baseline Measurement System (BMS)**  
**39.74 N Latitude 105.18 W Longitude 1829 Meters AMSL Time Zone -7**

**November 1990**

**Wind Speed**  
**Hourly and Daily Averages**  
**Instrument: Teledyne Geotech**  
**Meters per Second**

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily	
1	2	1.8	1.2	0.8	0.9	1.4	1.3	1.1	0.9	0.9	2.9	2.8	3.7	4.2	4.2	3.8	3.9	3.8	2.9	2.6	1.8	1.7	2.1	2	2.3	
2	3.3	3	3	2.8	2.4	1.6	1.8	2.2	2.5	2.2	5.2	5.3	4.3	4.4	4.5	4.6	3.5	3.7	3.3	2.4	2.2	3.2	3.4	3.2		
3	2.3	3.4	2.4	2.4	3.1	2	3.3	3.5	2.8	3.2	3.6	2.5	2.6	2.4	2.4	1.5	1.7	1.3	0.8	0.7	1.4	2	1.8	0.7	2.2	
4	0.3	0.8	1.5	1.7	2.4	2.7	2.7	2.2	1.3	1	0.6	0.6	1.6	1.6	1.5	1.1	2.4	2.3	5.7	2.9	2.1	2.1	1.1	1.1	1.8	
5	2.8	1.4	1.2	2	2.2	3.1	2.9	2.8	3.9	3.9	2.8	2.4	3.8	4.5	3.5	4.5	3.5	1.9	1.5	2	1.4	2	2.5	3.4	2.8	
6	4.8	4	6	5.2	4.5	4.8	3.4	5	4.7	5.1	4.9	3.9	3.4	4.2	4.4	3.1	2.4	1	0.6	0.2	0.6	0.6	1.4	0.5	3.3	
7	0.2	0.7	0.8	1	1.4	2	1.3	0.9	0.2	0.9	1.6	1.9	2.5	2.4	2.9	2.7	1.1	0.6	0.7	0.9	1.3	2.1	1.1	0.8	1.3	
8	2.6	3.9	6	8.1	5.7	2	2.1	6.4	7.1	4.6	7.6	10.8	10.1	9.7	10.8	9.8	9.9	10.3	7.5	5	3.5	3.6	2.3	6.3		
9	3.7	5.2	6.1	5.3	4.9	3.6	2.9	2.8	*	5.1	4.9	4.9	5.2	2.9	1	1.3	4.9	5.9	11.5	6.8	7.1	5.5	8.4	7.8	5.1	
10	5.5	5.1	5.8	10	9.8	8.2	4.5	6.2	6.1	6	2.7	2.3	2.2	4.5	5.1	6.2	7.5	5.1	5	4.4	5.9	5.3	3.8	5.9	5.5	
11	8.1	8.9	8.1	7.9	7.6	7.4	6.8	6.3	5.7	3	2.4	1.7	1.6	1.4	1.6	1.9	1.5	1.9	4.6	5.5	5.8	5.1	4.6	3.5	4.7	
12	4.4	5.8	6.1	6.3	5.9	6.5	6.4	5.8	4.8	2.7	1.8	2.1	1.4	1.3	1.4	1.2	1.1	1.9	3.2	4.4	5	4.8	4	4.5	3.9	
13	3.8	2.5	3.6	4.8	4.5	4	1.7	2.2	1.6	1.5	2.2	2.6	2.3	1.9	1.6	1.7	1	1.7	2.5	2.7	3.2	3.7	4.5	2.4	2.7	
14	1.4	2.6	2.9	2.8	3.6	4.1	5.2	4.6	1.9	1.6	2.9	3.1	2.9	2.7	2.4	1.2	1.1	2.2	4.2	4.1	3.9	3.6	3.4	3.3	3	
15	3.2	4.2	4.1	3	0.8	2	2.6	1.9	0.8	1.9	2.7	2.4	2.2	1.9	2.4	2.4	0.8	1.6	1	2	4.1	3.7	1.1	0.8	2.2	
16	1.7	2.7	1.5	1.7	0.5	0.8	0.2	0.3	0.8	1.8	1.6	1.6	1.8	1.6	2.1	2	1.3	0.7	0.5	0.9	1.4	0.6	1.2	1.2		
17	3.3	4	3.8	4.3	2.1	1.3	2	3.5	1.6	1.2	1.8	1.5	1.8	1.7	1.6	1.7	2.3	2.1	2.3	2	1	0.8	0.8	2.2	2.1	
18	1.6	1.5	2	2.2	2.1	1.9	1	0.5	1	1.2	2.9	2	2.1	2	1.7	1	1.3	1.9	1.8	3.2	2.2	2.4	2.8	2.4	1.9	
19	2.1	2.4	2.7	3.1	3.1	3.2	3.7	3.3	2.2	1.4	1.1	1	2.1	2.5	2.7	2.1	2.3	3.5	3.8	3.4	1.9	1.8	2.9	2.3	2.5	
20	1.9	2	2	1.4	3.2	3.9	3.4	2.5	3.3	6	8.9	10.6	11.9	9.6	9	8	8.4	5.1	5.6	5.2	2.5	4	5.8	6.4	5.4	
21	8.3	13.3	10.7	10.7	4.5	3.7	5.4	4.3	3.8	4.4	3.3	2	1.7	2.6	4.3	5.3	3.8	3.1	5	4.9	2.9	1.7	3.1	2.6	4.8	
22	3.4	3.9	3.6	5.4	4.2	1.4	1.8	1.3	2	5.6	8	8.7	9.9	6.7	2.8	7.2	12.1	13.1	9.5	4.1	9	7.3	7.4	7.8	6.1	
23	7.2	5.1	4.2	3.5	4.1	2.9	3.3	1.2	2.3	3.5	4.8	5.7	5.9	5.2	6.2	9.4	6.1	5.4	6	5.6	4.4	6.7	4.3	2.3	4.8	
24	1.5	2.4	4	6.9	3.8	3.2	4.4	6.3	4.1	5.2	5	6.1	4.4	3.5	3.5	3.7	4.4	1.8	2.9	3.6	5.7	1.8	1.2	2.2	3.8	
25	2.1	1.1	2.5	1.8	1.7	2.6	2	2.9	1.6	1.2	1.4	3.4	3.7	2.2	2.9	2	0.8	2.5	4.6	4.5	4.9	3.8	2.1	3.4	2.6	
26	4.2	3.6	3	3.2	3.1	2.5	3.2	2.2	1.4	0.9	1	2.4	4.5	6.1	6.3	5	5	4.9	3.6	4	3.2	2.5	2.6	3.5		
27	1.8	2.3	2.1	1.8	0.5	0.2	0.5	0.8	0.8	0.9	1	1	2.3	3.3	2.1	1.6	2.3	5.1	2.3	2.2	1.6	2	3	5.6	2	
28	3.8	2.2	1.6	2.1	2	2.6	4.5	4.5	4.9	5.8	6.3	6.7	5.7	5.8	5.7	6.6	6.5	3.9	4.3	3.6	5	4.9	5.9	3.7	4.5	
29	0.9	1.1	1.3	1.8	2.9	3	2.8	2.4	1.6	0.9	1.4	1.4	1.7	0.7	1.3	2.3	1.6	2	1.7	2	1.5	1.5	1.2	1.5	1.7	
30	1.5	1.4	2.6	2	2.9	3.2	2.7	3.7	2.7	1.4 *	1	1.6	1.9	2.1	1.4	1.7	1.8	3.2	2.5	2.8	3	2.2	2.9	2.2	2.3	
Avg	3.1	3.4	3.5	3.9	3.4	3.1	3	3	2.6	2.9	3.1	3.4	3.8	3.5	3.4	3.6	3.6	3.5	3.9	3.4	3.4	3.1	3	3.3		
S D	2.1	2.6	2.3	2.7	2.1	1.8	1.6	1.8	2	2	2.5	2.8	2.3	2.2	2.6	2.9	2.7	2.8	1.8	2.1	1.7	1.9	2	1.5		
S/A	0.66	0.75	0.64	0.69	0.62	0.59	0.53	0.6	0.67	0.7	0.67	0.73	0.74	0.65	0.66	0.74	0.8	0.77	0.71	0.53	0.61	0.55	0.62	0.65	0.44	
Min	0.2	0.7	0.8	0.8	0.5	0.2	0.5	0.2	0.2	0.8	0.6	0.6	1.4	0.7	1	1	0.8	0.6	0.6	0.2	0.6	0.6	0.6	0.5	1.2	
Max	8.3	13.3	10.7	10.7	9.8	8.2	6.8	6.4	7.1	8.9	10.6	11.9	10.1	9.7	10.8	12.1	13.1	11.5	7.5	9	7.3	8.4	7.8	6.3		
n	360	360	360	360	360	360	360	340	355	360	360	360	360	360	360	360	360	360	360	360	360	360	360	330	8586	

Data Recovery: 0.6% missing; 0.0% failed QC -- 8640 total measurements.

Instrument: Teledyne Geotech	Serial Number: TGT #2	Calibration Factor: 7.960 m/s/V	Calibration Date: 08/1988
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Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (\*) are not used in monthly statistics.

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